

### AMENDMENTS TO THE SPECIFICATION

*Please replace the paragraph on page 5, starting at line 6, with the following paragraph:*

In still another embodiment of the present invention, a method of synchronizing video indexing between an A/V signal and data during recording/playback of a broadcast program comprises detecting an XML TAG by analyzing an XML file among broadcasting information stored in a storage unit; detecting a time offset from the detected XML TAG; converting the detected time offset into a file offset; generating GOP (Group of Pictures) index files from the MPEG transport stream; reading a GOP index file and comparing the GOP index file to the file offset; storing the GOP index file and the XML TAG if the file offset is equal to the GOP index file, and otherwise, reading a next GOP index file and compared to the file offset until a GOP index file which matches the file offset is found for storage with the XML TAG.

*Please replace the paragraph on page 7, starting at line 7, with the following paragraph:*

Referring to FIG. 2, the contents (P/S) unit 100 generally produces, in real time, data to be synchronized with a broadcast program and produces live broadcast program to be broadcasted. Namely, the data to be synchronized with a broadcast program is the XML TAG information. The data transmission unit 200 combines the XML TAG information from the contents P/S unit 100 with the produced broadcast program, and transmits the combined data to a broadcasting network in the form of an MPEG transport stream, for example, MPEG-2 transport stream. The receiving system 300 receives the broadcast program transmitted from the data

transmission unit 200 of the broadcast data synchronization and transmission system, may simultaneously ~~records~~record and ~~playbacks~~playback the broadcasting signal, and reads information required for user video indexing by analyzing the XML TAG received in synchronization with specified sections through a path for data broadcasting.

*Please replace the paragraph on page 12, starting at line 19, with the following paragraph:*

Referring to FIG. 7, an XML TAG is first read from the input stream (S10) and a time offset, i.e. the time information, is detected from the XML TAG (S20). The detected time offset is then converted into a bit length by multiplying the time offset with a corresponding length of the MPEG stream (S30), and the resultant bit length is converted to a file offset (S40). Also, GOP index files are generated from the input stream as the stream is stored in the storage unit 350 (S50). Thereafter, a GOP index file is read (S60) and compared to the file offset (S70).